



FEMA



Prepared by
Brian Hoeth

FEMA Region 6 Weather Threat Briefing

Thursday, December 6, 2018

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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Today

- No significant weather impacts expected.

Friday - Saturday

- Winter weather impacts likely Friday into Saturday for E NM, TX Panhandle, NW&W TX, much of OK, and N AR.
 - Heavy ice and snow accumulations will likely cause travel impacts, some power outages, and tree damage for portions of the TX Panhandle/NW TX into W/Central OK.
- Areas of heavy rain/flash flooding likely Friday into early Saturday across portions of Central/S/SE TX with isolated heavy rain/flash flooding possible in portions of NE/E TX/W LA/SW AR.
 - Isolated heavy rain/flooding on Saturday in S LA/extreme SE TX.
- Marginal risk of severe storms on Friday for parts of S TX.

Sunday - Monday

- No significant weather impacts expected.

River Flooding

- Widespread minor to moderate flooding is likely, with isolated major possible, for portions of Central, North, East, and Southeast TX by the end of the week.

FEMA Region 6 Threat Matrix

Dec 6, 2018 – Dec 10, 2018



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DAY / THREAT	THU	FRI	SAT	SUN	MON
Severe Storms		STX			
Heavy Rain / Flash Flooding		Central/S/SE TX	S LA/SE TX		
		NE&E TX/W LA/ SW AR			
Winter Weather		TX Panhandle/NW TX/W&Central OK	TX Panhandle/NW TX/W&Central OK		
		E NM/W TX/E OK/ N AR	E NM/W TX/E OK/ N AR		
Fire Weather					
River Flooding		TX	TX	TX	TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

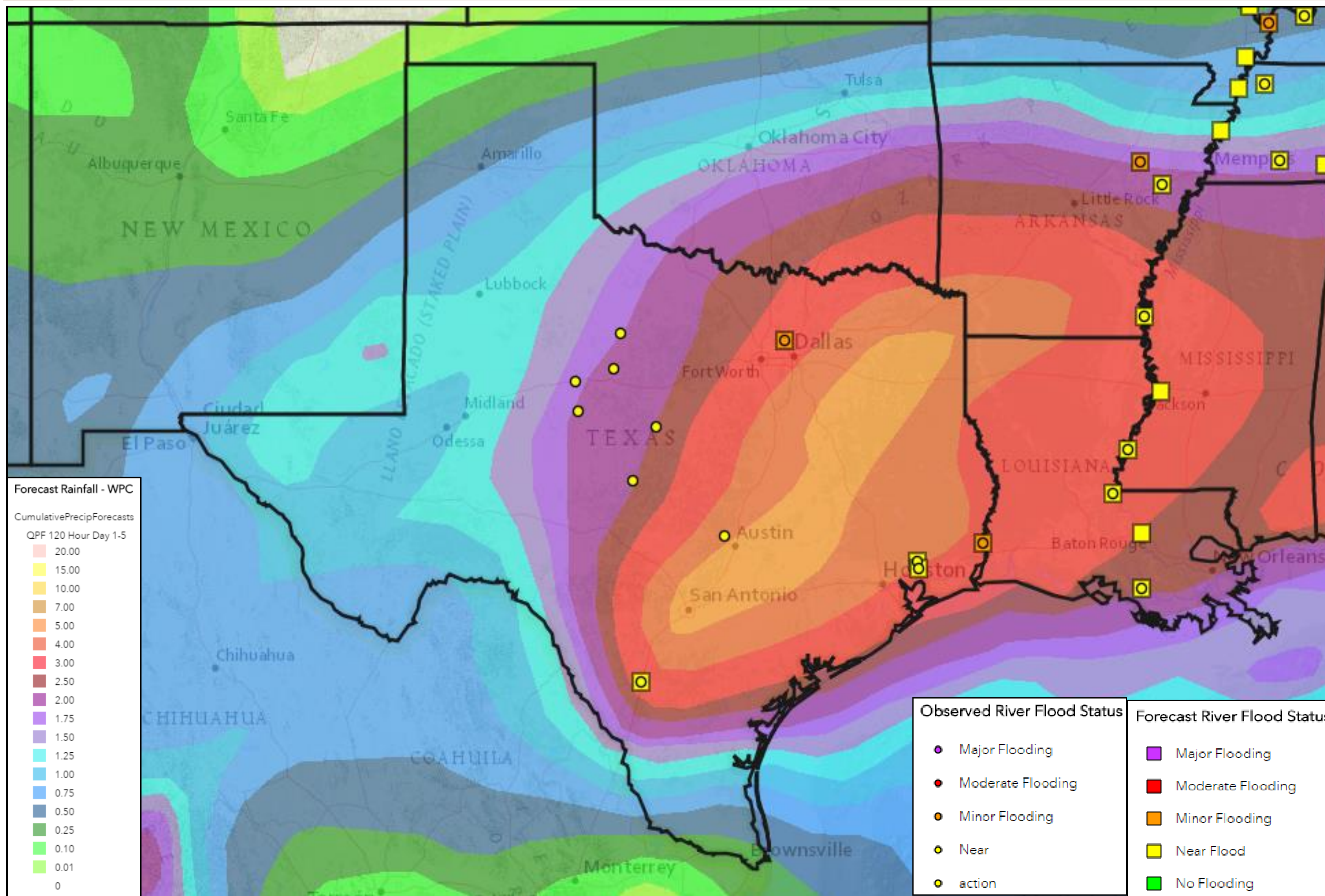
**Threat levels are based on FEMA Region 6 criteria.
State or local threat level criteria may differ.*
For more details on the colors in the threat matrix refer to the last slide in this briefing.*

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



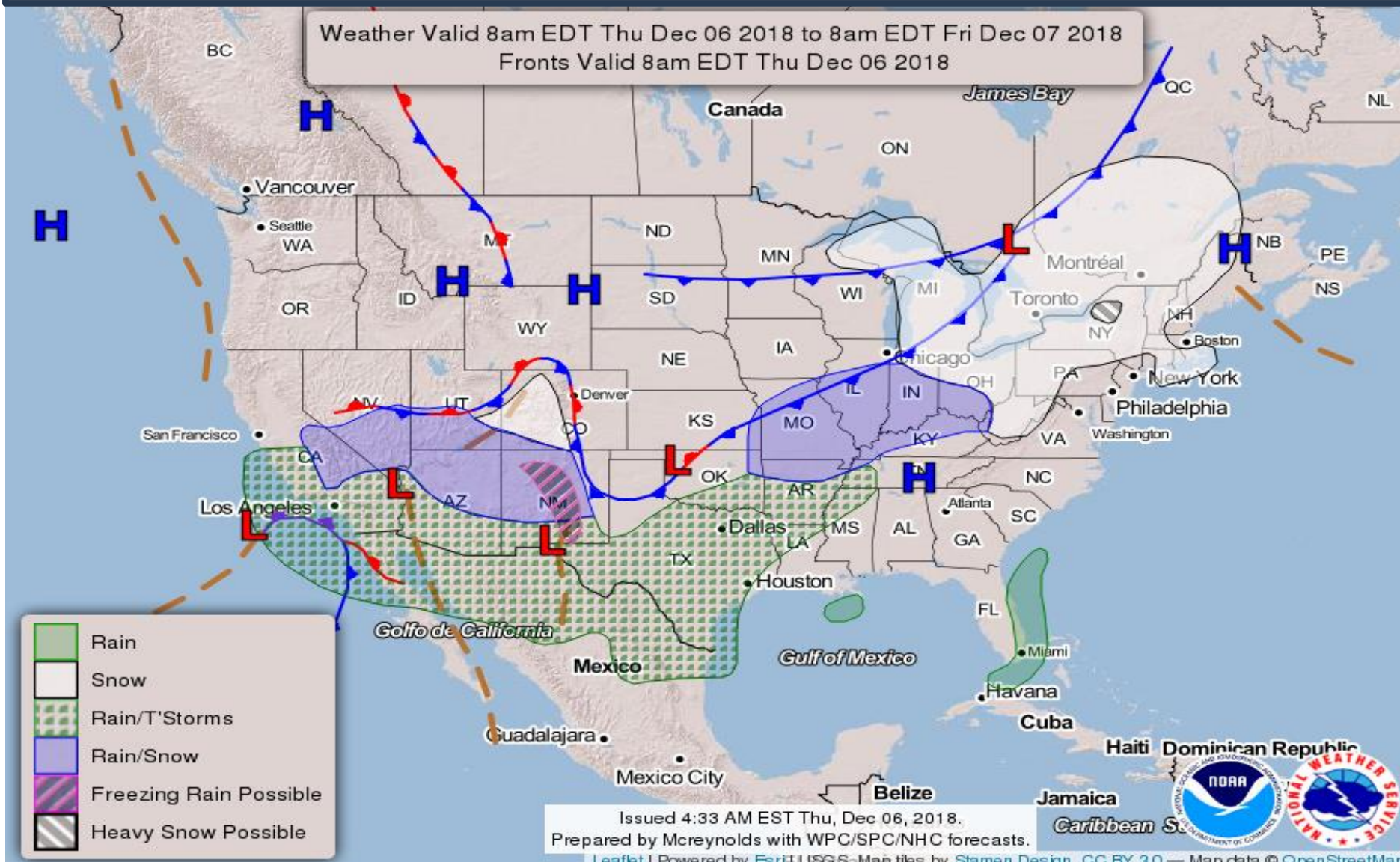
Widespread rainfall returns to portions of TX by Thursday afternoon and expected to continue through Saturday, which may lead to renewed river flooding for portions of Central, North, East, and Southeast Texas by the end of the week. Widespread minor to moderate flooding is likely, and isolated major is possible.

Today's Weather

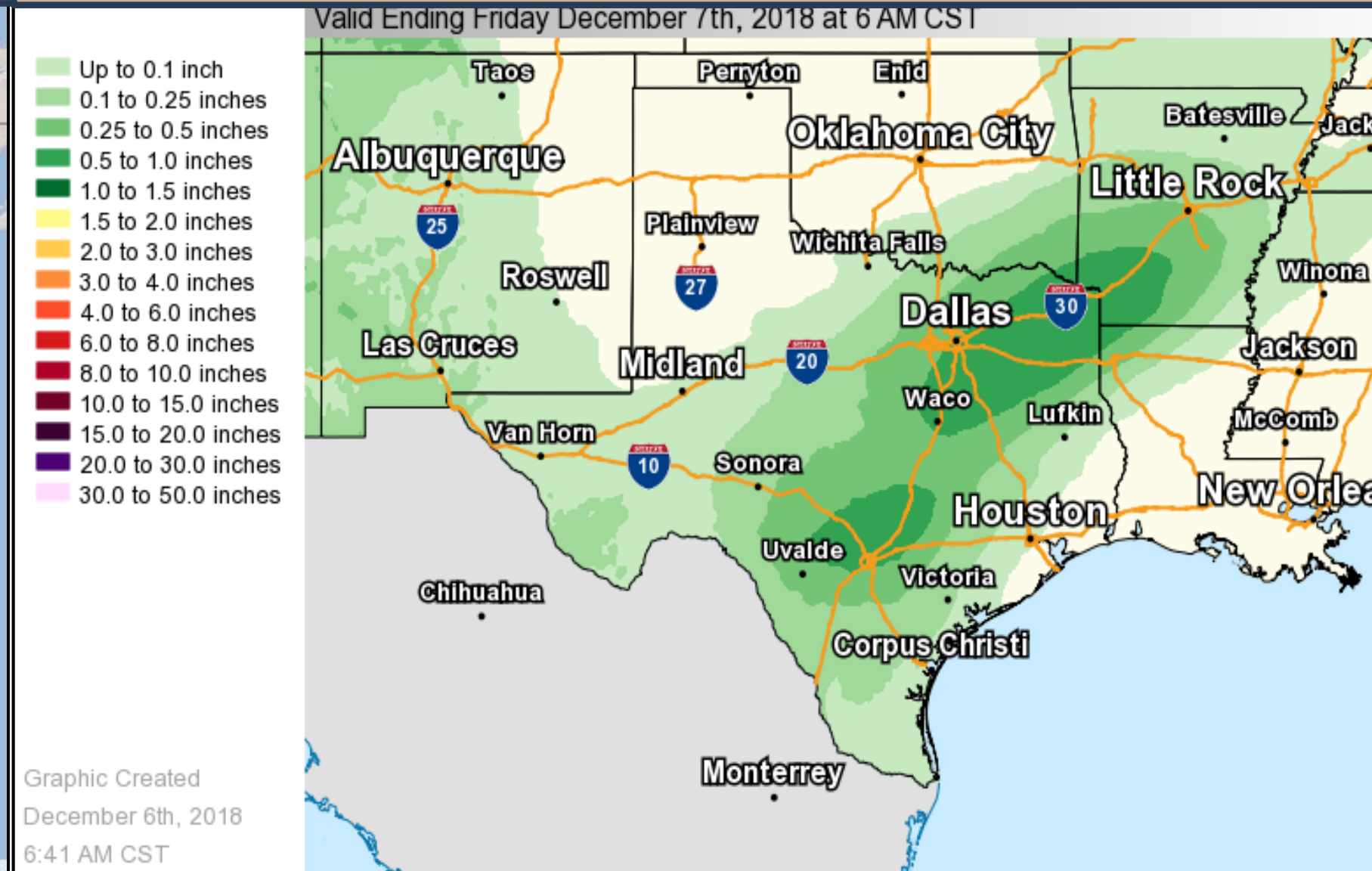


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Forecast Chart

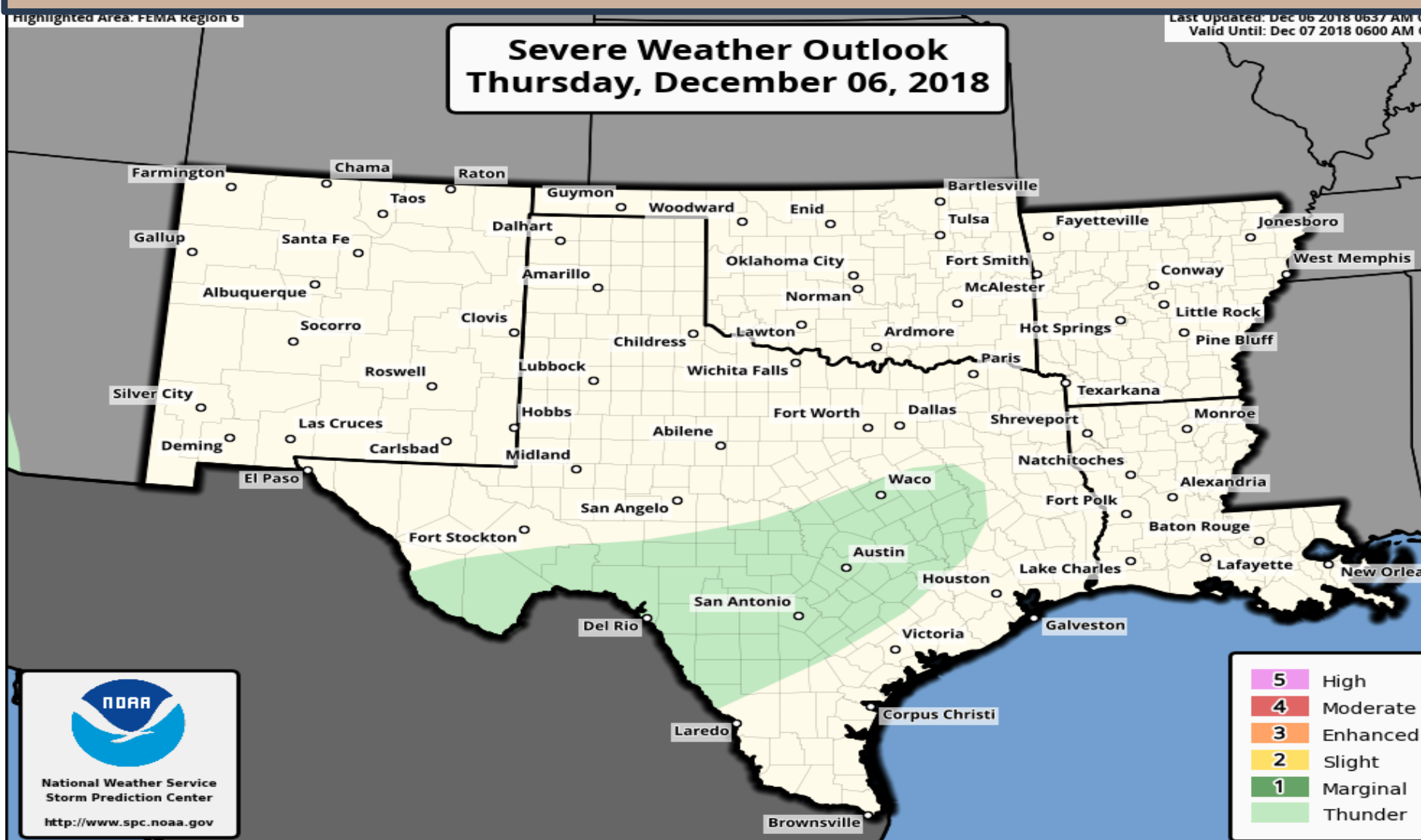


Forecast Rainfall



No Significant Weather Impacts Expected.

Severe Weather Outlook



Excessive Rainfall Outlook



Watches, Warnings, and Advisories



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Fire Weather



Graphic Created

Severe Weather & Flooding



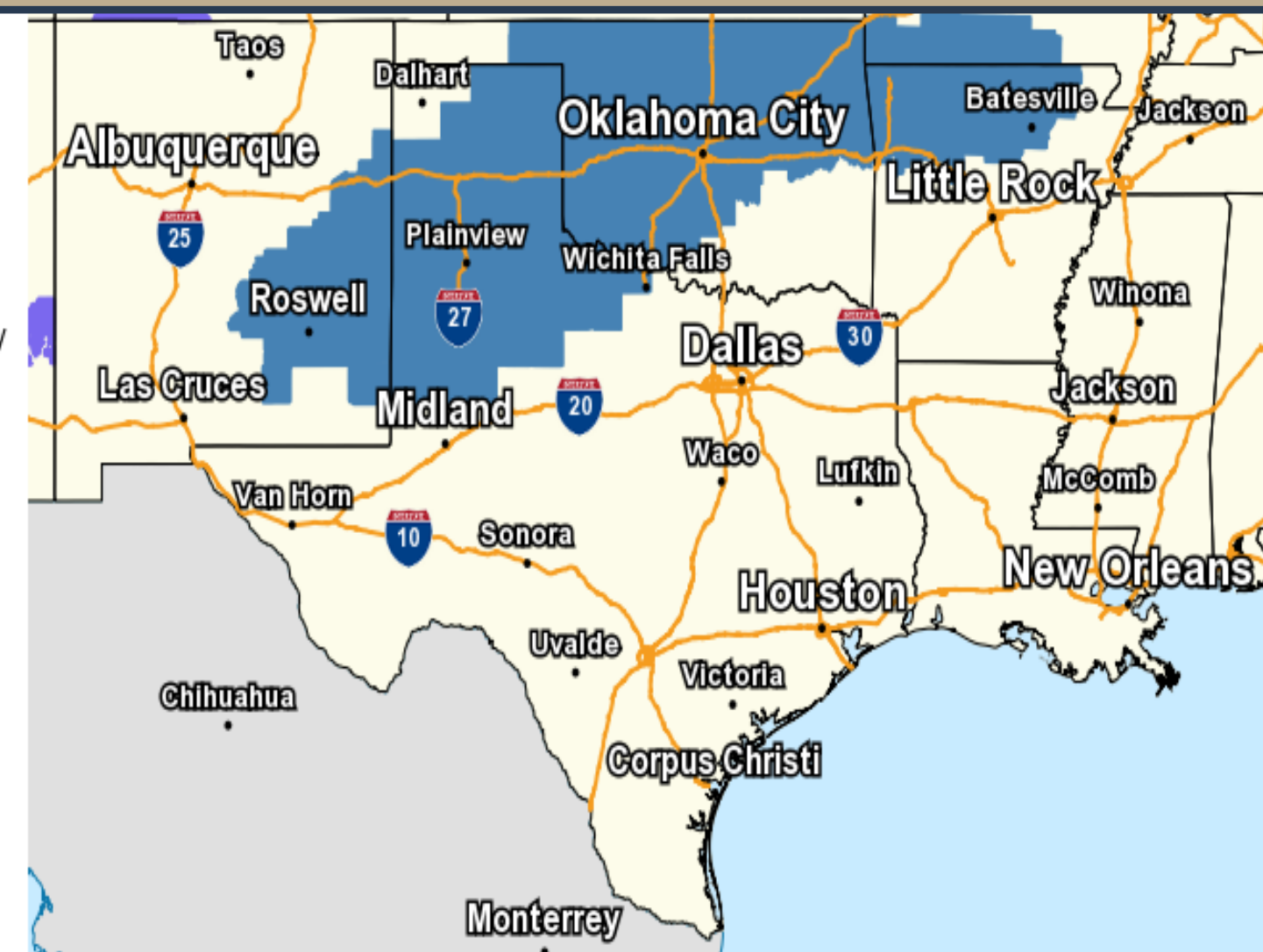
Graphic Created

Strong & Gusty Winds



Graphic Created

Winter Weather



Graphic Created

Winter Storm Watches in effect across portions of E NM, TX Panhandle, NW&W TX into much of OK and N AR from Friday into Saturday.

Travel impacts are likely for most areas that have Watches and some power outages and tree damage possible for portions of the TX Panhandle/NW TX into W/Central OK where heavy ice and snow accumulations are forecast.

Flash Flood/Flood Watches in effect for portions of South/Central/Southeast TX where areas of heavy rain will likely cause flash flooding Friday into early Saturday.

Tomorrow's Weather



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Forecast Chart

Forecast Rainfall

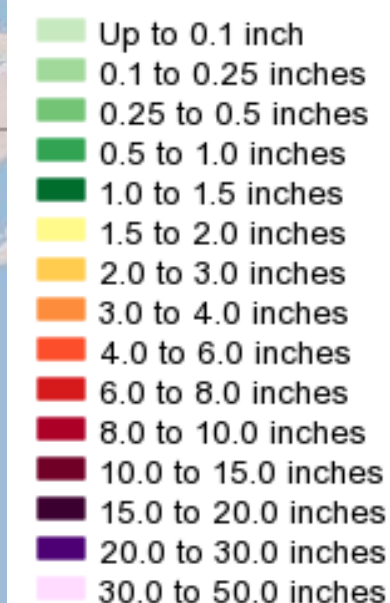
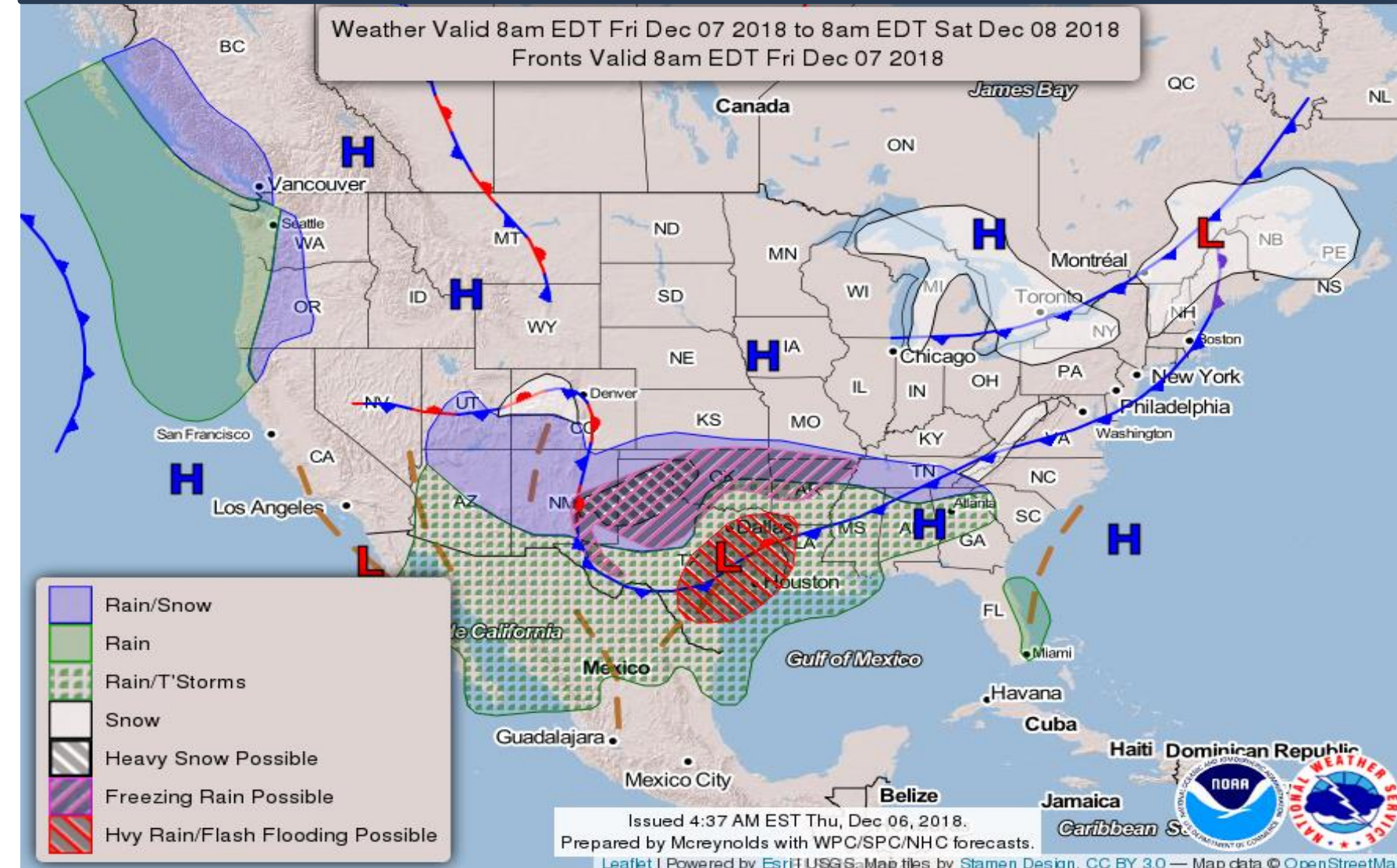
Winter weather impacts likely for E NM, TX Panhandle, W&NW TX, much of OK, N AR.

Travel impacts likely for these areas and some power outages and tree damage possible for portions of the TX Panhandle/NW TX into W/Central OK where heavy snow & ice is forecast.

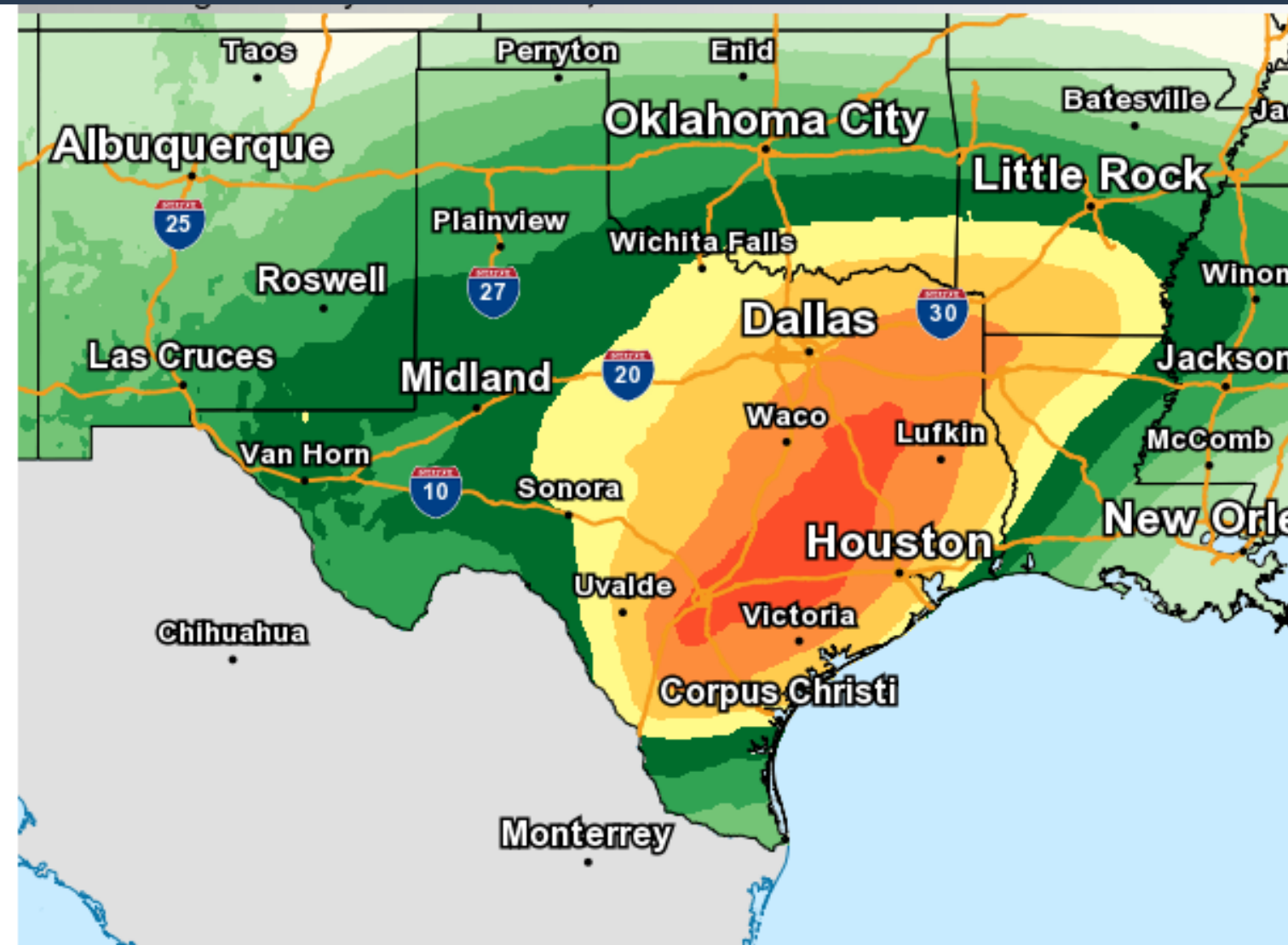
Areas of heavy rain/flash flooding likely Friday into early Saturday across portions of Central/S/SE TX with isolated heavy rain/flash flooding possible in portions of NE/E TX/W LA/SW AR.

Marginal risk of severe storms with strong gusty winds and hail for portions of STX.

www.weather.gov/srh

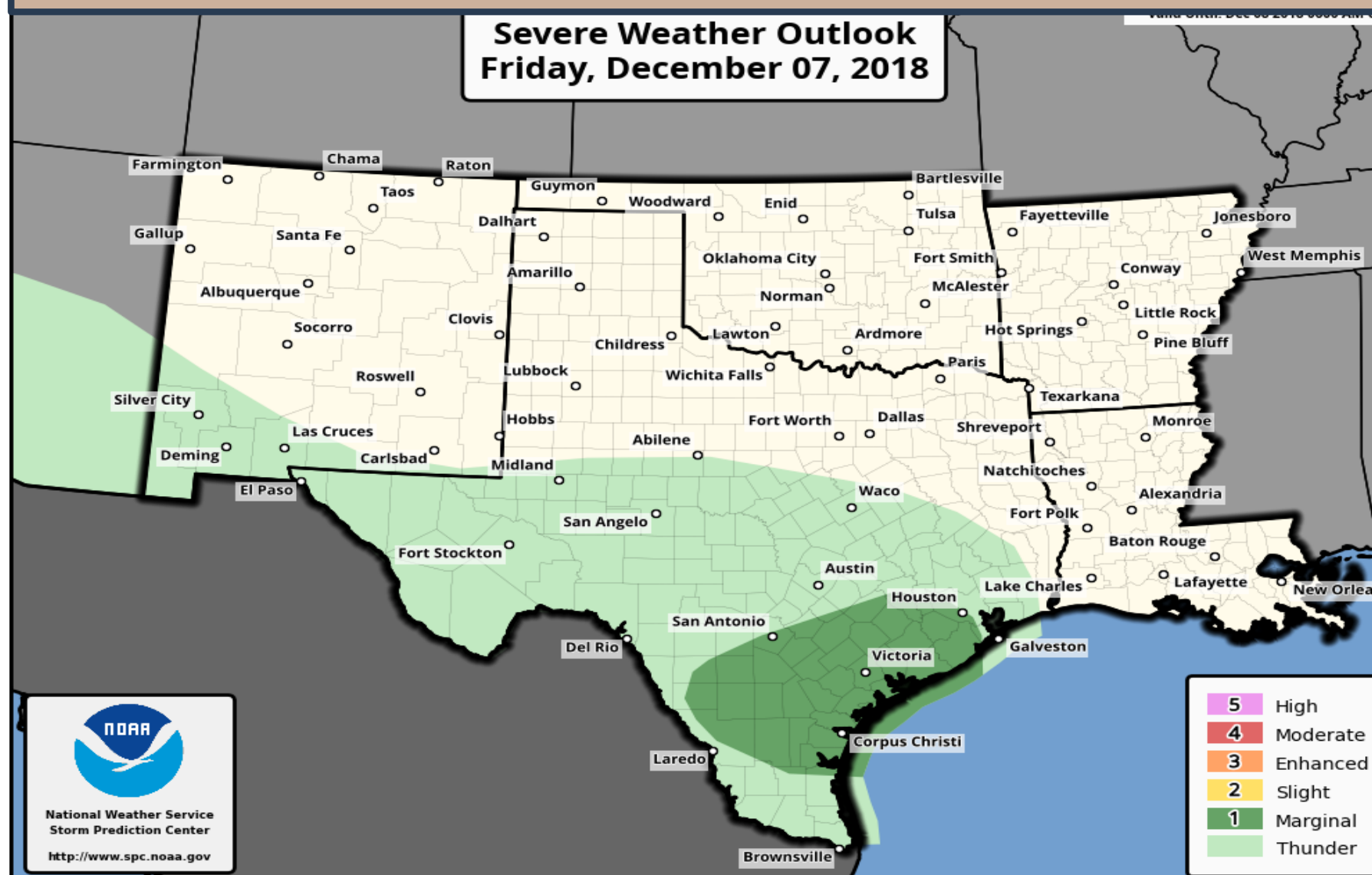


Graphic Created
December 6th, 2018
6:42 AM CST

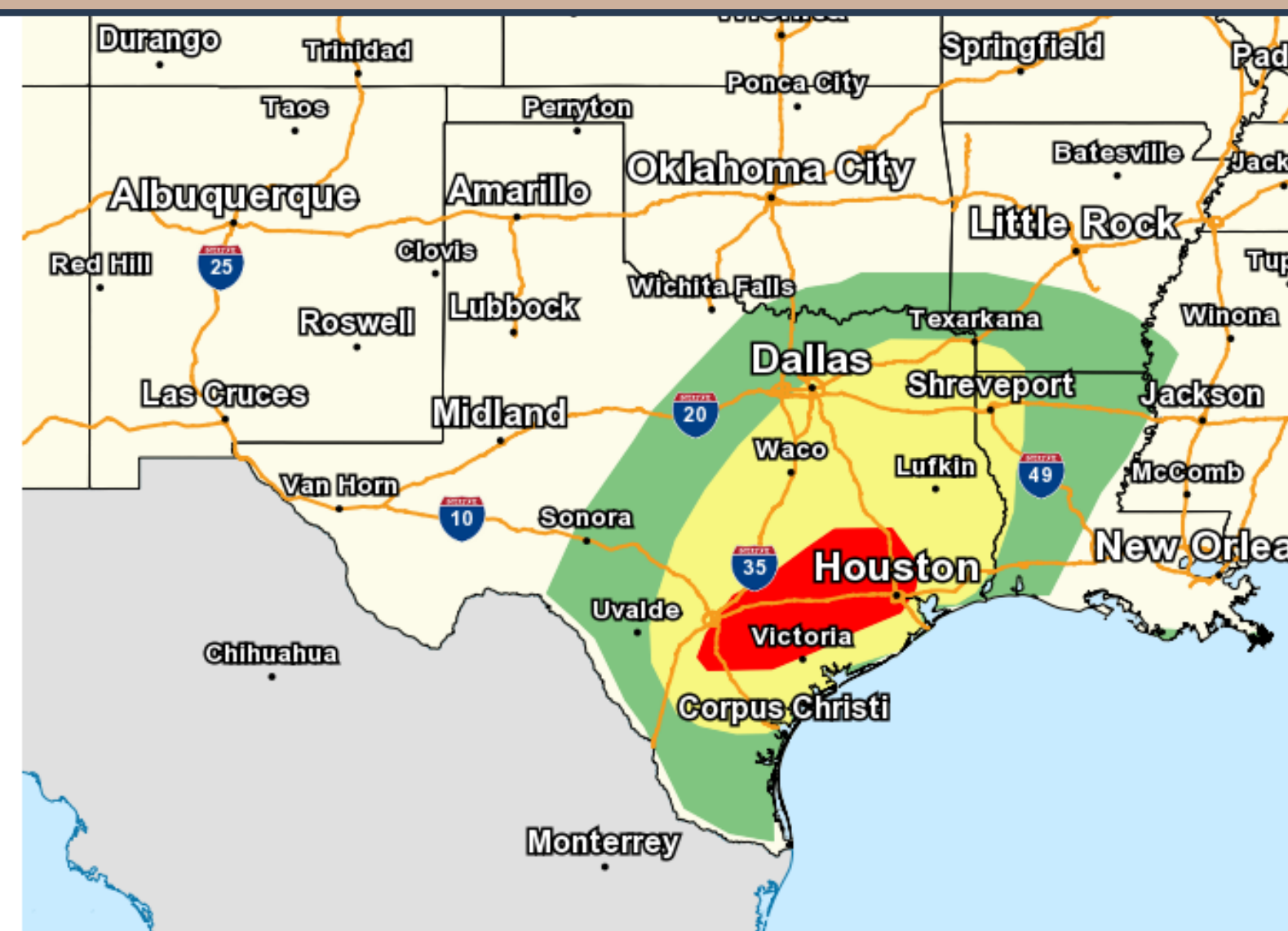


Severe Weather Outlook

Excessive Rainfall Outlook



Graphic Created
December 6th, 2018
AM CST

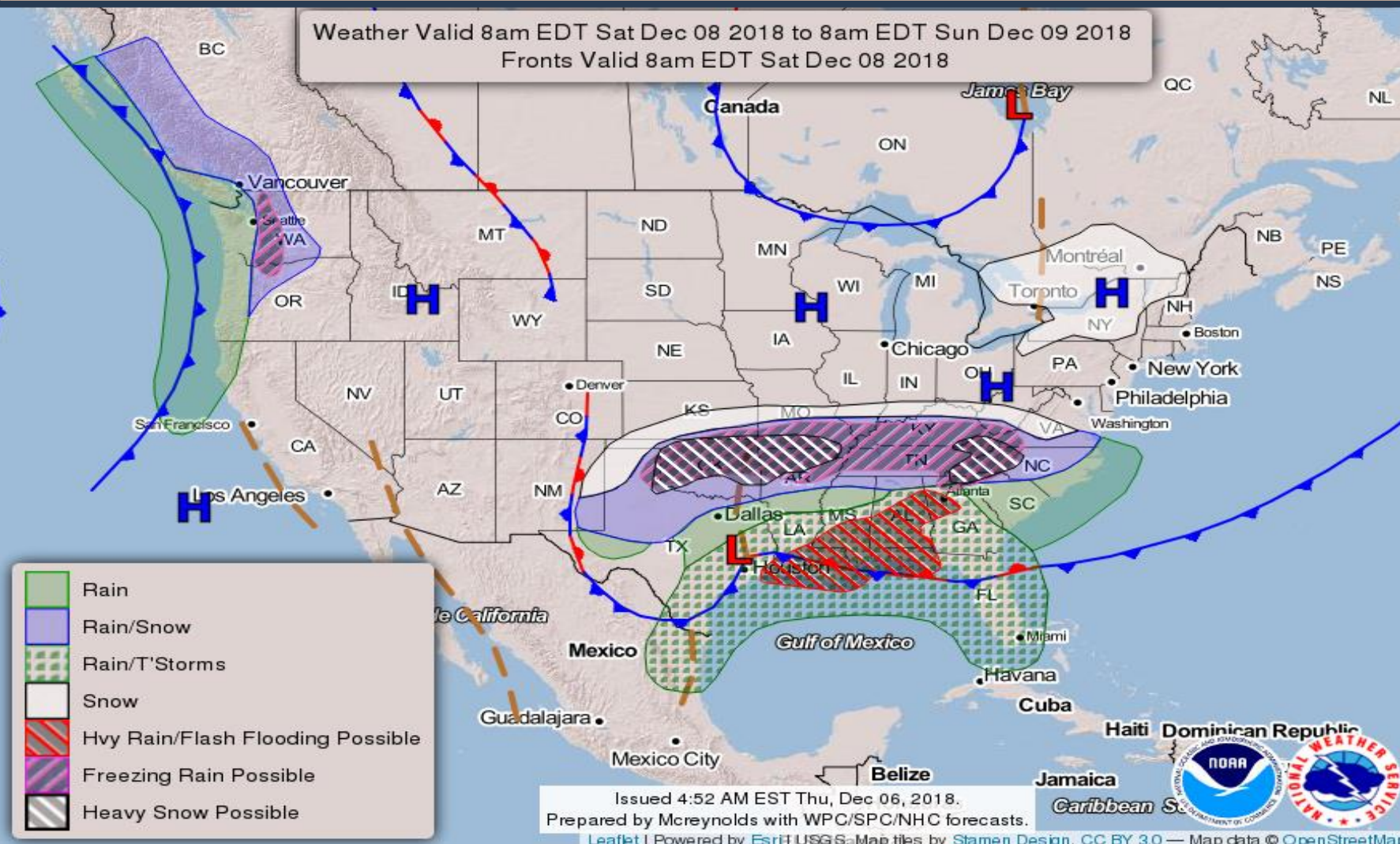


Saturday's Weather

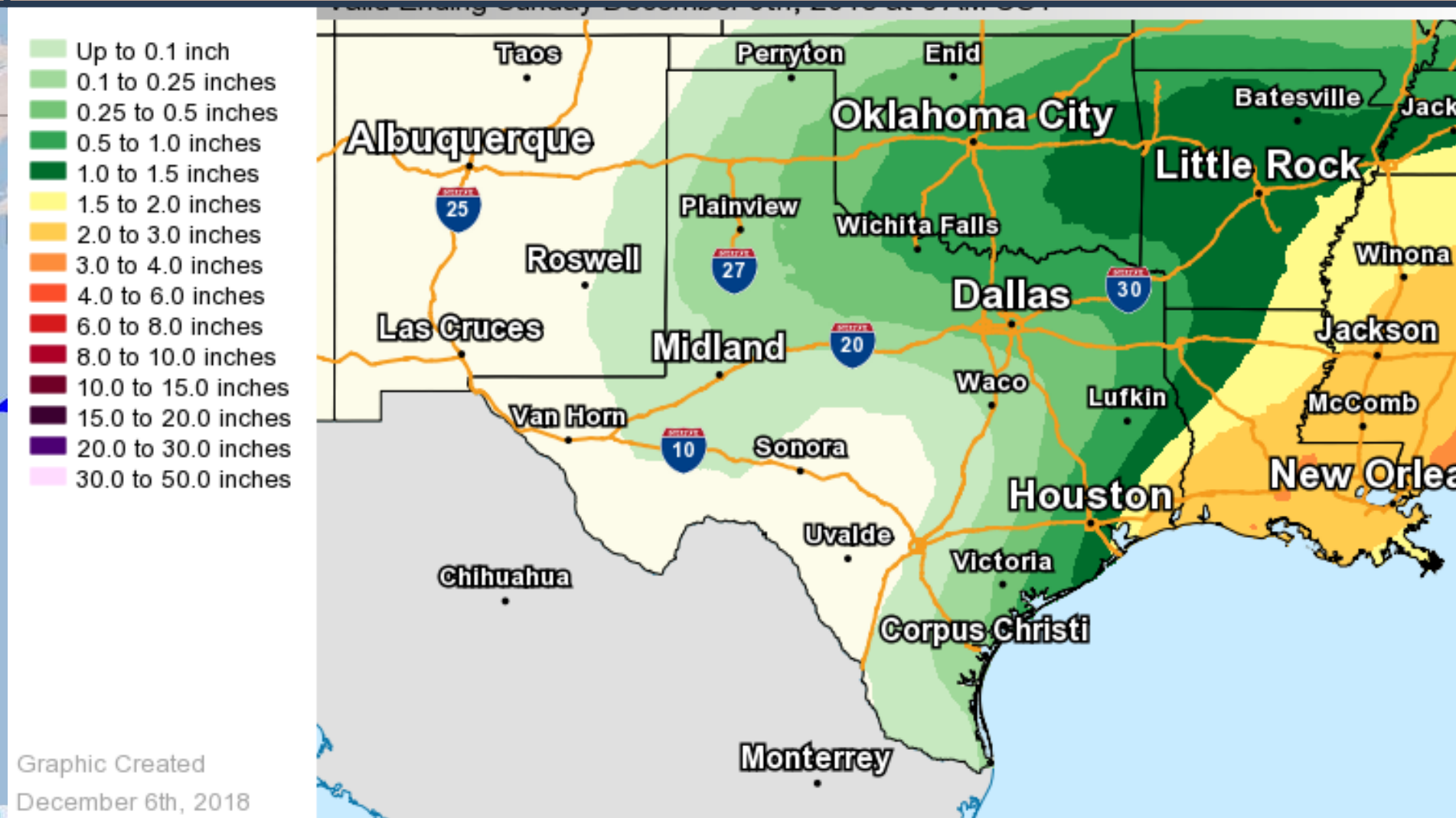


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Forecast Chart



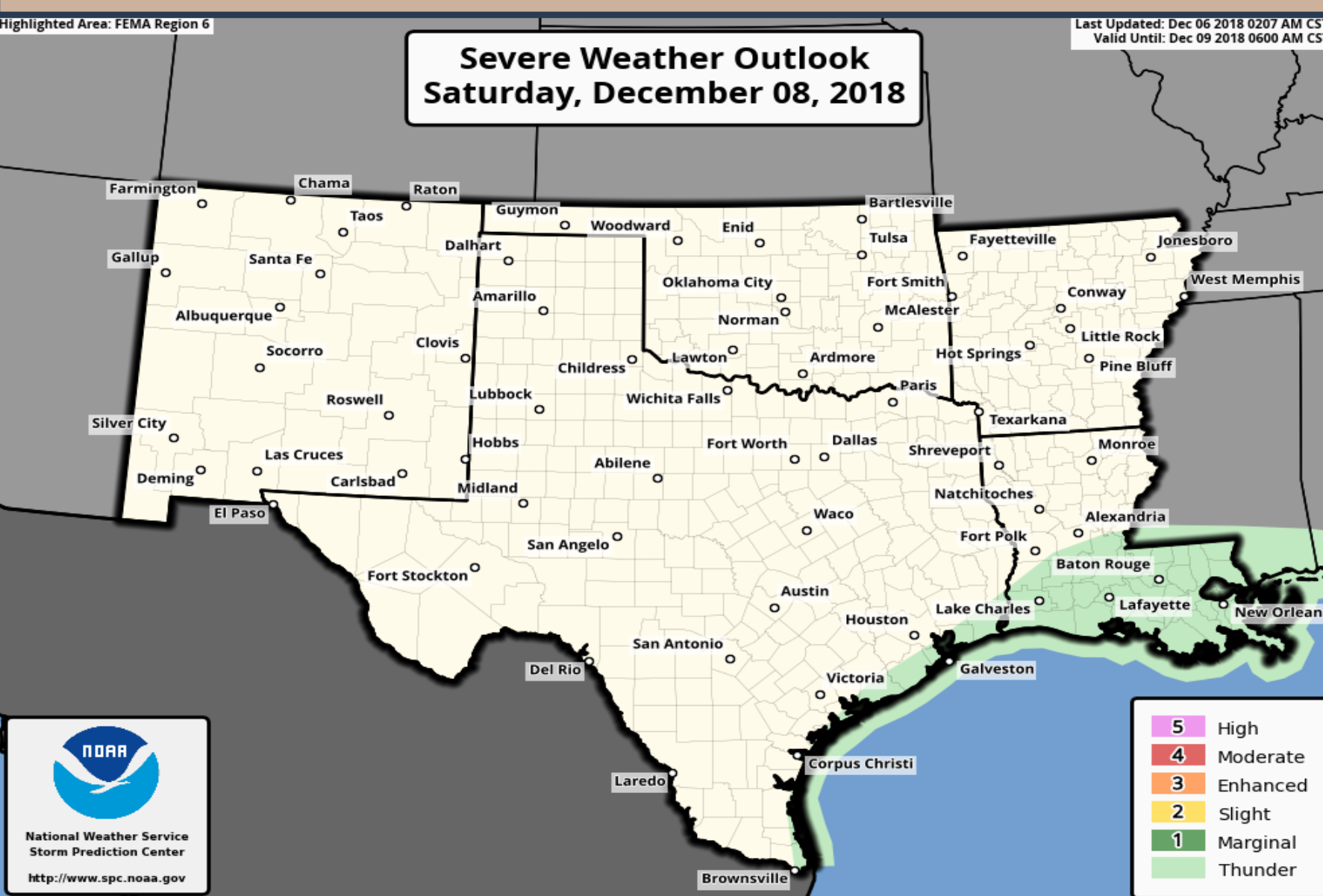
Forecast Rainfall



Winter weather impacts continue for E NM, TX Panhandle, W&NW TX, much of OK, N AR.

Travel impacts likely for these areas and some power outages and tree damage possible for portions of the TX Panhandle/NW TX into W/Central OK where heavy snow & ice is forecast.

Severe Weather Outlook



Excessive Rainfall Outlook



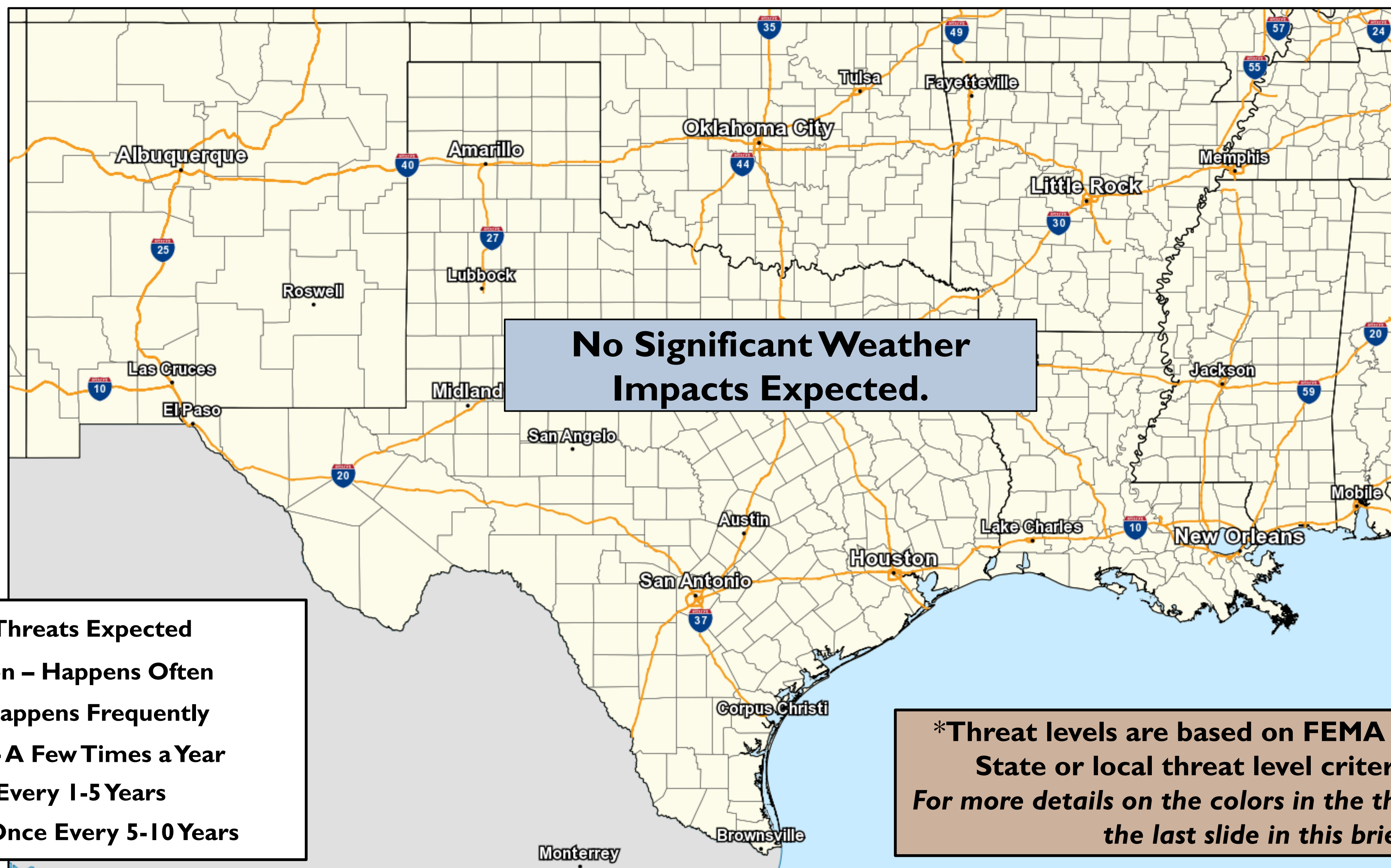
Areas of Heavy Rain/Flash Flooding possible for S LA into extreme SE TX.

Days 4-5 Weather Hazards

Sunday - Monday



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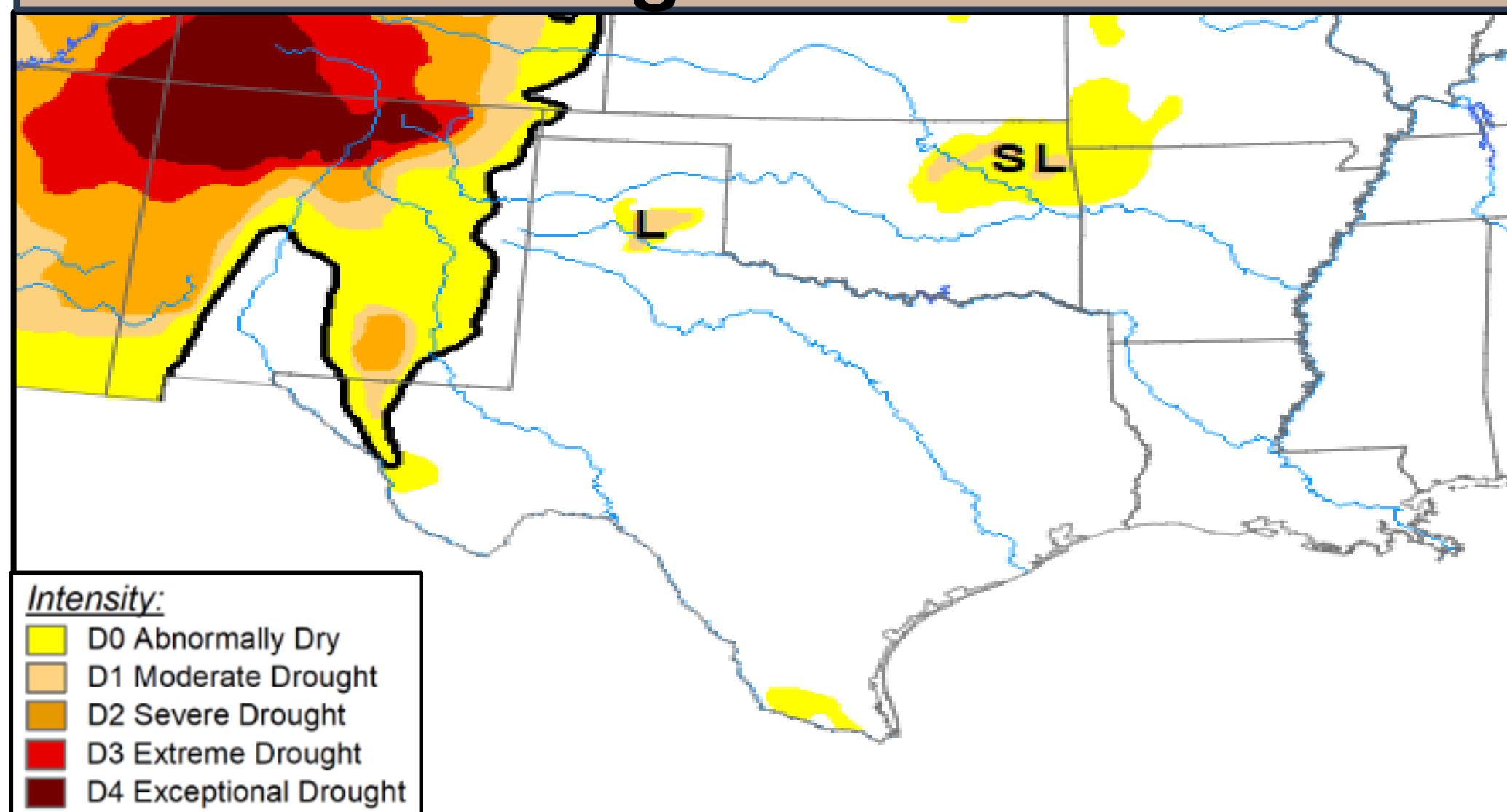
Drought Monitor (Released December 6, 2018)



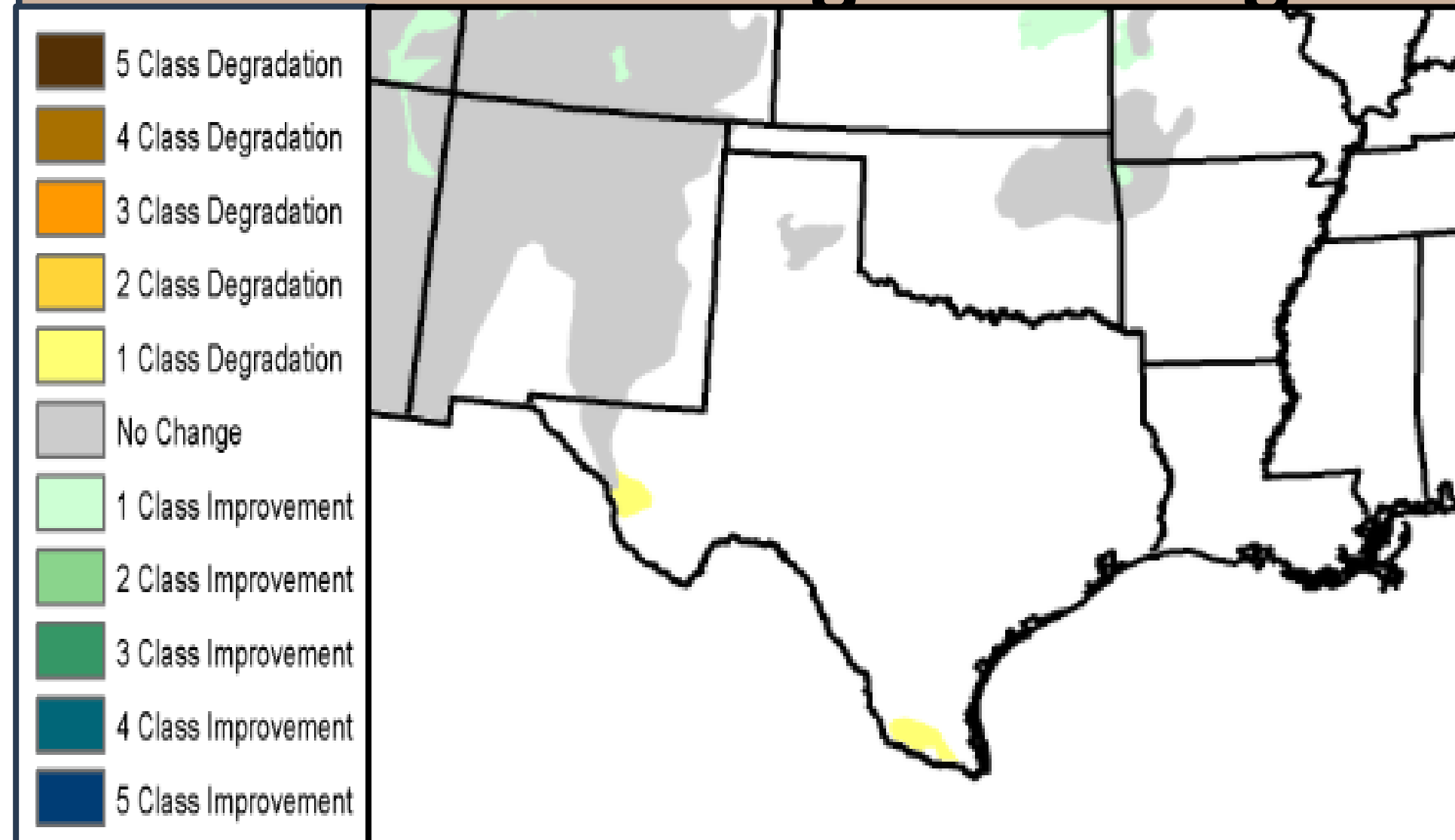
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Data valid as of 7am EST, Tuesday, December 4, 2018

Drought Monitor



One Week Change in Drought



Drought Conditions (Percent Area) in D3-D4 (Extreme to Exceptional Drought)

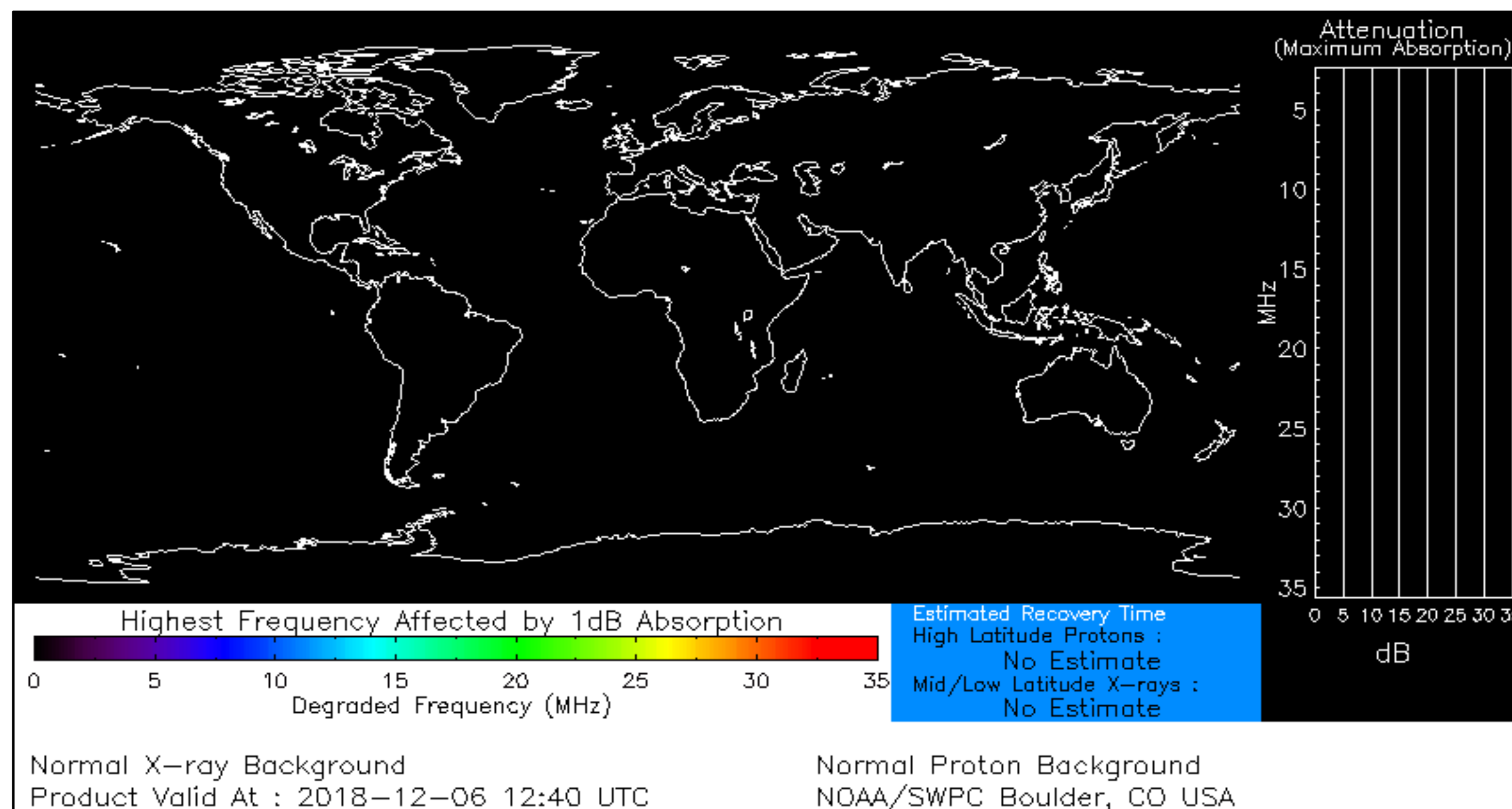
State	Current	Last Week	3 Months Ago	1 Year Ago
Arkansas	0.00%	0.00%	0.00%	26.13%
Louisiana	0.00%	0.00%	1.61%	0.00%
Oklahoma	0.00%	0.00%	4.69%	0.78%
Texas	0.00%	0.00%	5.51%	0.00%
New Mexico	20.67%	20.67%	34.07%	0.00%

Space Weather 3-Day Forecast



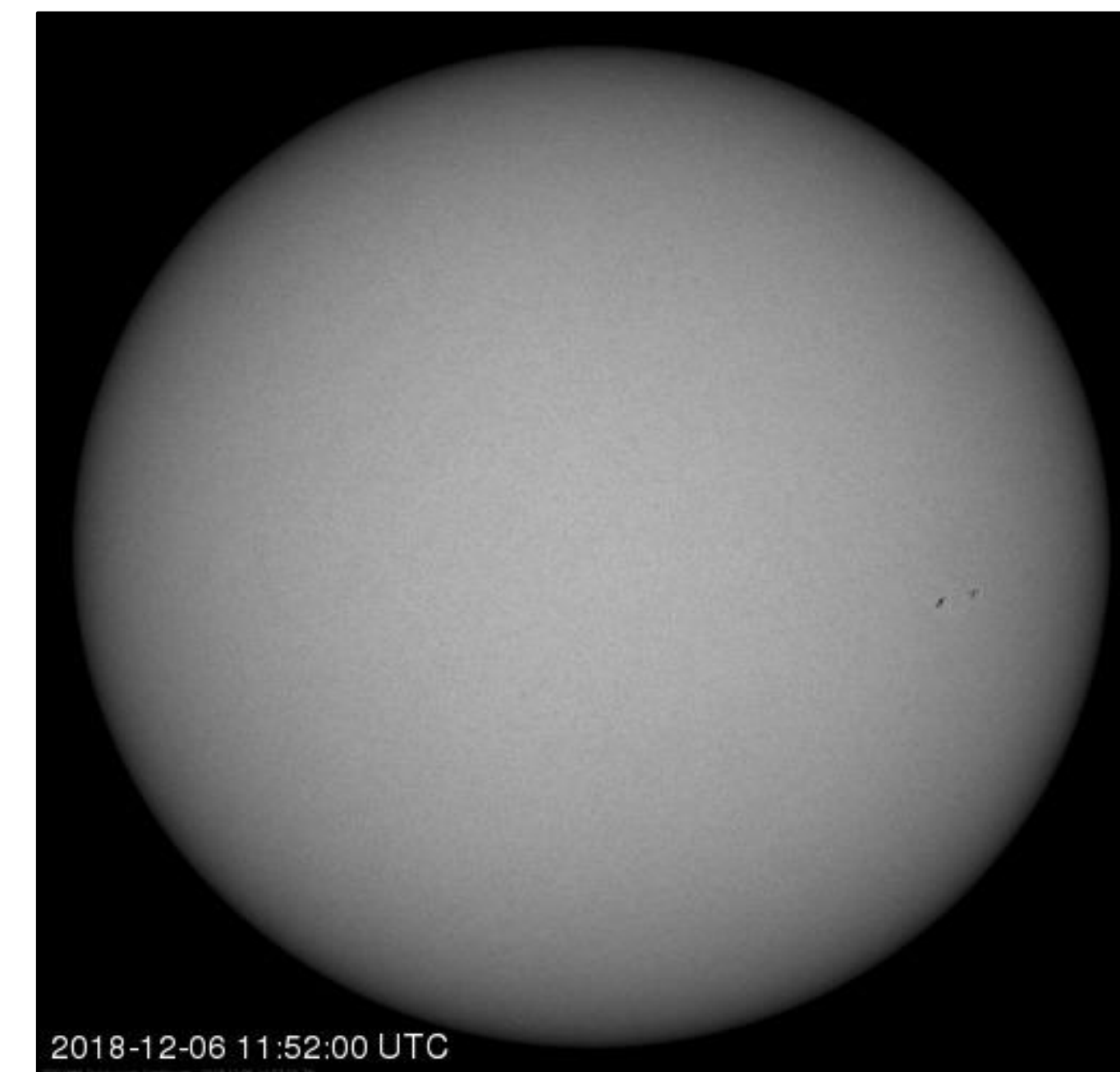
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	Thursday	Friday	Saturday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





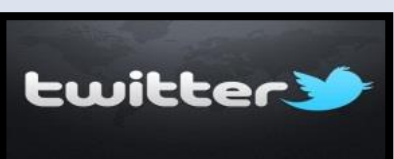
For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov